

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200315473-1

APPLICATION NO.

10/69777

CONFIRMATION NO.

APPLICANT

Chung C. Yang et al.

FILING DATE

Herewith

GROUP

2861

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A			
	1B			
	1C			
	1D			
	1E			
	1F			
	1G			
	1H			
	1I			
	1J			
	1K			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

KF	1Q	Darhuber, Anton; Trojan, Sandra; Miller, Scott; "Morphology of liquid microstructures on chemically patterned surfaces", Journal of Applied Physics, Volume 87, No. 11, June 2000.
KF	1R	Jaworek, Anatol; Krupa, Andrzej; "Electrohydrodynamic Spraying", http://www.imp.gda.pl/ehd/ehd_spry.html
KF	1S	Jaworek, A.; Krupa, A.; "Main Modes of Electrohydrodynamic Spraying of Liquids", ICMF June 1998.

EXAMINER

KF

DATE CONSIDERED

9/05

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

200315473-1

APPLICATION NO.

10/697974

CONFIRMATION NO.

APPLICANT

Chung C. Yang t al.

FILING DATE

Herewith

GROUP

2841

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
KF	1A	6,401,001	June 4, 2002	Jang et al.	
	1B	6,413,790	July 2, 2002	Duthaler et al.	
	1C	6,520,402	Feb. 18, 2003	Orme-Marmorelis	
KF	1D	6,521,489	Feb. 18, 2003	Duthaler et al.	
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

KF	1Q	Eschbach and Rezanka, "Recent Progress in Ink-Jet Technologies I", Electrostatic Source, 1996.
KF	1R	Hardman, Tony, "Inkjet Printer Operation", Printer Cartridges Ink, 1996.
KF	1S	Easen, Nick, "Want a PC this Xmas? Then Print it", CNN, Sept. 28, 2003, http://www.cnn.com/2003/TECH/09/24/wow.tech.santa.printer/index.html

EXAMINER

KJH

DATE CONSIDERED

9/05

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200315473-1

APPLICATION NO.

10/697974

CONFIRMATION NO.

APPLICANT

Chung C. Yang et al.

FILING DATE

Herewith

GROUP

2861

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A			
	1B			
	1C			
	1D			
	1E			
	1F			
	1G			
	1H			
	1I			
	1J			
	1K			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

KF	1Q	Nelson, Amy, "Rayleigh Instability of an Annulus", ChE 385M: Surface Phenomena, May 4, 2000.
KF	1R	MicroFab Technote 99-01 Background on Ink-Jet Technology, September 28, 1999.
KF	1S	Calvert, Paul, "Inkjet Printing for Materials and Devices", Dept of Materials Science & Engineering, Univ. of Arizona, 2001.

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200315473-1

APPLICATION NO.

10/697974

CONFIRMATION NO.

APPLICANT

Chung C. Yang et al.

FILING DATE

Herewith

GROUP

2841

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

KE	1Q	Lin, S.P.; Hudman, M.; Chen, J.N.; "Absolute and Convective Instability of a Liquid Jet", Clarkson University.
KE	1R	Canney, John; Risner, Jeremy; Subramanian, Vivek; "Flexonics" Electrical Engineering and Computer Sciences, Univ. of California, Berkeley.
KE	1S	Tseng, Fan-Gang, "Micro-Droplet Generators", National Tsing Hua University, Taiwan

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200315473-1

APPLICATION NO.

CONFIRMATION NO.

10/697974

APPLICANT

Chung C. Yang et al.

FILING DATE

Herewith

GROUP

2861

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A			
	1B			
	1C			
	1D			
	1E			
	1F			
	1G			
	1H			
	1I			
	1J			
	1K			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

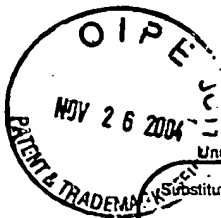
KE	1Q	Fel, Leonid G.; Zimmels, Yoram; "Rayleigh Instability in Liquid Crystalline Jet" Dept of Civil Engineering, Technion, Isreal, November 4, 2002.
KF	1R	Prof. Dr. -Ing, Wolfgang Wehl, "Tintendruck: Strahlt er oder strahlt er nicht, das ist hier die Frage!", http://www.mm.fh-heilbronn.de/wehl/literat/tidruck.htm
	1S	

EXAMINER

K F11

DATE CONSIDERED

09/05



PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

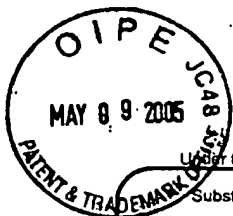
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/697974
		Filing Date	Oct 31, 2003
		First Named Inventor	Chung C YANG, ET AL
		Art Unit	2853 2841
		Examiner Name	WIA FEGGAT
Sheet ONE	of ONE	Attorney Docket Number	200315473-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KF	—	YOSHIKO HARA; Inkjet Wiring Advances "Desktop Factory" Goal; www.eet.com; November 8, 2004; 2 pages	

Examiner Signature	<i>K L</i>	Date Considered	9/05
--------------------	------------	-----------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet one of one

Application Number	200315473-1 <u>10697974</u>
Filing Date	Oct 28, 2004
First Named Inventor	Chung Ching YANG
Art Unit	2853 <u>2841</u>
Examiner Name	not assigned <u>FEGGINS</u>
Attorney Docket Number	200315473-2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<u>KF</u>	<u>1</u>	US- 4319251	03.09.1982	KEUR	
<u>KF</u>		US- 4620198	10.28.1986	BEHUN	
<u>KF</u>		US- 3484794	12.16.1969	WINSTON	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
KF	—	JP56008272A	04.14.1981	RICOH	—————→	

Examiner Signature	<u>[Signature]</u>	Date Considered	<u>1/05</u>
--------------------	--------------------	-----------------	-------------

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.